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Final Technical Report

NAG5-875

*A Change in IUE Sensitivity Over Time  
and  
The Origins of QSO Absorption Lines*

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Since all the money has been expended, this report will be the final one on determining the change in sensitivity of IUE with time:

The determination for the SWP camera through 1986.36 is published in 1988, Ap. J. Suppl., 66, 209. The determination of the sensitivity changes for LWR is complete along with an update for the SWP through 1987.36 and is published in the 1988 Ap. J. Suppl., 68, 487. The final paper IV in the series (1990 Ap. J. Suppl., 73, 413) updated the IUE sensitivities and presented flux standards for the HST absolute calibration. Much of the work on the IUE Optimal Extraction software that will be used in the final IUE archive was funded by this grant. This software is documented in Kinney, Bohlin, and Neill 1991, PASP, in press.

Copies of the papers funded by this grant can be obtained on request.

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